International Application No
PCT/IB2004/051063

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/0055 G11B7/006 G11B7/005 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to daim No. X EP 1 298 650 A (SAMSUNG ELECTRONICS CO 1-3,5,6,LTD) 2 April 2003 (2003-04-02) 8,9 A paragraphs '0001!, '0002!, '0026! -4,7 '0041!; figures 4-7 X US 5 150 351 A (NISHIUCHI KENICHI ET AL) 1 22 September 1992 (1992-09-22) column 6, lines 4-51; figures 4.5 P.X US 2003/198166 A1 (DEKKER MARTIJN JEROEN) 1 23 October 2003 (2003-10-23) paragraphs '0001!, '0029! - '0031!: figures 1a.1b Α EP 0 218 243 A (MATSUSHITA ELECTRIC IND CO ` 1 LTD) 15 April 1987 (1987-04-15) column 4, line 39 - column 5, line 50; figure 2g -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: \*T\* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person sidiled "P" document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 26 October 2004 03/11/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Stemmer, M

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